M.R.O. 1—77,006—8-6-31.

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(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 218 Press ~~Mis.~~

444-45

Dated 22. 1 1867.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 22nd January 1867.

No. 444. Read the following letter from the Superintending Engineer, 2nd Division, to the Secretary to Government, Department Public Works, dated Camp, Vencatachella Chattrum, 5th January 1867, No. 90 :—

1. I have the honor to submit, for the sanction of Government, a revised estimate for the improvement of the Guntoor Jail, amounting to Rupees 12,820. This is 3,670 Rupees in excess of that sanctioned by Government in their Proceedings No. 2,127, dated 6t h July 1866

1 Detailed and Abstract Estimate.
1 Specification.
1 Comparative Statement.

Rupees 9,150.

2. The causes of a further grant being required are chiefly in connection with the failure of Convict labor to supply much of the work which it was supposed might have been done by the prisoners.

3. For example, it was calculated that all the lime needed, 396 Pootties, could have been supplied without the assistance of this department; but it is found that, owing to the Convicts not being allowed to proceed more than two miles from the Jail, they can only cut down firewood for the burning of 150 Pootties, and 985 Rupees will consequently have to be paid for chunam by this department.

4. Much more help from Convicts was anticipated in building the walls and preparing the carpentry work than experience shows we are likely to obtain,* and more bricklayers and carpenters must be obtained than originally estimated for. This circumstance has nec essitated a considerable increase in the prices of the doors, wood work, &c., as shown in the Statement enclosed.

* There are no Convicts who have the smallest knowledge of carpentry; and only one (to be released shortly) who has ever laid a brick.

5. Besides this, the old foundations of the external walls have been found to be irregularly built; in some parts not more than one and a half feet instead of three feet, and partly of mud and stone, and partly of chunam. Proper foundations must now be laid.

6. I regret also to say that an oversight was made in this Office in estimating for improving only two Convicts' Wards instead of four, as intended.

7. Under these circumstances, I trust the Government will be pleased to sanction the revised estimate.

No. 445. ORDER THEREON, 22nd January 1867, No. 218.

CIVIL WORKS, No. 93.

Under the explanations which are furnished in this letter, the Government sanction the revised estimate of Rupees 12,820 for the improvement of the Guntoor Jail. Adverting, however, to paragraphs 2 and 3, they observe that much has been done to reduce the cost of the Jail under construction at Madura by the Executive Officer in charge making proper arrangements for instructing the Convicts in the works upon which they are employed. By a similar arrangement, His Lordship in Council considers

Sea Coast Adiago & Contingencies 1707 " 5 / 49 157 / Carried forward 1757 " "

Proceedings of the Madras Government, Public Works Department,
22nd January 1867.

that Convict labor may be more profitably utilized than it has been in the improvements now in progress to the Guntoor Jail, and he will rely on Colonel Winscom adopting such measures as may lead to that result.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 2nd Division,
With one detailed Estimate, one Specification, and one Comparative Statement.
,, Judicial Department.
,, Controller of Public Works Accounts.
,, Accountant General.

Exd. S. T. Augustin.

ABSTRACT ESTIMATE No. 20 OF 1866-67 Revised

Guntoor District

Work 3

Improvements to Jail at Guntoor

Quantity.	Description of Charges.	Rate.	Amount.	Total.
	Proposed Hospital			
31 2/3	Cyds Rough Stone	1 12 "	55 6 8	
86 1/3	Cyds 37641 Burnt Brick at 436 per Cyd per 1000	5 8 "	207 " 5	
88 1/3	Bricklayers at 3/4 Bricklayers per Cyd	" 7 "	38 11 6	
37 3/8	Lyrs Plastering with Coats			
56	Bricklayers at 1/2 Bricklayer per yd	" 7 "	24 8 "	
110 3/4	Cft Teak wood for Rafters &c	2 4 "	249 3 "	
28 1/4	Cft Do for Trusses	2 4 "	63 9 "	
11 5/8	Lyrs Roofing			
	6976 Flat Tiles @ 6"x4" at 600 per Lyr at 2400 per	4 " "	11 10 "	
	23250 Pan Tiles @ 9"x4 1/2"x3 1/2" at 200 per Lyr at 2250 per	4 " "	41 5 4	
17 1/2	Bricklayers at 1/2 Bricklayer per yd	" 7 "	7 10 6	
	Carpentry & Sawing at 8 Rs per Cft	1 " "	139 " "	
	Iron Nails	" " "	12 " "	
	Iron work for 3 Trusses	" " "	9 " "	
8' x 4"	8 Iron barred Teakwood doors with door frames hinges, bolts			
	Padlocks @ 4 each	68 3 3	545 10 "	
4' x 3"	8 do do windows do at	20 10 9	165 6 "	
	1 Bricklayer Maistry for 3 Months	15 " "	45 " "	
23	Candies of Lime			
	92 Cyds of Fuel for burning the Lime at Kilns	1 " "	92 " "	
			1707 " 5	
	Sea Cft of Adding & Contingencies		49 15 7	1757 " "
			Carried forward	

Quantity.	Description of Charges.	Rate.	Amount.	Total.
	Brought forward			1757 " "
	Proposed Surgery & Dissection Room			
33 1/3	Cyds Rough stone	1 12 "	5 8 5 4	
74 1/3	Do 32,312 Burnt Bricks at 36			
	per Cyd per 1000	5 8 "	177 11 5	
81	Bricklayer at 3/4 Bricklayer per Cyd	" 7 "	35 7 "	
30	Sqrs of Plastering with 2 Coats			
45	Bricklayer at 1/2 Bricklayer per Cyd	" 7 "	19 11 "	
126-7	Cft Teakwood Cft	2 4 "	280 5 "	
16	Bricklayer at 1/2 Bricklayer per Sqr	" 7 "	7 " "	
10 1/2	Sqrs of Roofing			
	6300 Flat Tiles 600 per Sqr 2400	4 " "	10 8 "	
	21000 Pan Tiles 2000 Do 2250	4 " "	37 5 4	
	Iron Nails	" " "	10 " "	
8' x 4"	2 Teakwood battened doors			
	with door frames hinges Do	56 5 6	112 11 "	
4' x 3"	5 Do Windows	30 9 4	152 14 8	
	Bricklayer Maistry for 2 1/2 Months	15 " "	37 8 "	
	Carpentry & Sawing	1 " "	12 4 8 "	
20 1/2	Candles of Lime			
	82 Cyds of Fuel for burning Lime per Cyd	3 1 " "	82 " "	
			114 5 14 9	
	Contingencies & Coolies		33 1 3	1179 " "
	Proposed Cook Room			
12 7/9	Cyds Rough stone	1 12 "	22 5 9	
23 16/27	Do 10286 burnt bricks 436 per Cyd			
	per 1000	5 8 "	56 9 2	
27	Bricklayer at 3/4 Bricklayer	" 7 "	12 " 6	
8 1/2	Sqrs of Plastering with 2 Coats			
12 3/4	Bricklayer at 1/2 Bricklayer	" 7 "	5 2 3	
20.10	Cft Teakwood Country	1 14 "	39 1 "	
180	Sqrs ft Roofing			
	3600 Pan tiles at 2000 per Sqr per 2250	4 " "	6 6 5	
	125 Bamboo Reepers per 100	3 " "	3 12 "	
2 1/2	Bricklayer at 1/2 Bricklayer	" 7 "	1 1 6	
	Carried forward			2936 " "

Quantity	Description of Charges	Rate	Amount.	Total.
	Brought forward			2936 " "
	Nails	" " "	2 " "	
6' x 3"	1 Teakwood battened door with door frames hinges & bolts	15 " "	15 " "	
3' x 2 1/2	2 Do Windows	8 " "	16 " "	
	Carpentry & sawing at per ft	1 " "	20 13 4	
	1 Mistry for 15 Days	15 " "	7 8 "	
6 1/4	Candles of Lime			
	25 Cyds of Fuel for burning Lime per Cyd	1 " "	25 " "	
			233 2 11	
	Coal Soldiers & Contingencies		6 13 1	240 " "
	Proposed Privy main Hospital			
9 4/27	Cyds of Rough stone	1 12 "	16 " 2	
15	Do 6540 Burnt bricks at 436 per 100	5 8 "	35 15 6	
18	Bricklayer Labo	" 7 "	7 11 "	
5 3/4	Sqrs of Plastering			
8 1/2	Bricklayer at 1/2 Bricklayer	" 7 "	3 11 6	
12 1/2	Cft Teakwood	2 4 "	28 2 "	
1 3/4	Sqrs of Roofing			
	150 Bamboo Reepers per 100	3 " "	4 8 "	
	3500 Pan tiles per 2250	4 " "	6 3 7	
	Carpentry & sawing at per Cft	1 " "	12 8 "	
	Iron Nails	" " "	1 8 "	
	Bricklayer Maistry for 15 days	15 " "	7 8 "	
4	Candles of Lime			
	16 Cyds of Fuel for burning Lime per Cyd	1 " "	16 " "	
			139 14 9	
	Contingencies & Coal Soldiers		3 1 3	143 " "
	Various Contagious diseases			
18 1/3	Cyds Rough stone	1 12 "	32 1 4	
39 1/3	Do 17149 Burnt bricks 436 per Cyd per 1000	5 8 "	94 5 1	
43 1/4	Bricklayer at 3/4 Bricklayer	" 7 "	18 11 9	
16	Sqrs Plastering with 2 Coats			
24	Bricklayer at 1/2 Bricklayer per Sqr	" 7 "	10 8 "	
56-8	Cft Teakwood Cft	2 4 "	127 8 "	
5	Sqrs of Roofing			
	3000 Flat Tiles 600 per Sqr 2400	4 " "	5 " "	
	10000 Pan tiles 2000 per Sqr 2250	4 " "	17 12 5	
7 1/2	Bricklayer at 1/2 Bricklayer per Sqr	" 7 "	3 4 6	
	Carried forward			3319 " "

Quantity	Description of Charges	Rate	Amount			Totals		
	Brought forward					3584	-	-
8' x 4"	1 Teakwood battened door with frames & iron bolts &c	56	5	6	56	5	6	
4' x 3"	3 do do do windows	30	9	1/2	91	12	-	
	Carpentry & Sawing at ——— per Cft	1	-	-	51	10	8	
	Iron Nails ———	-	-	-	7	-	-	
	1 Maistry for 1 Month ———	-	-	-	15	-	-	
11	Candies of Lime ———							
	44 Cyds of Fuel for burning lime per Cyd	1	-	-	44	-	-	
					575	2	3	
	Scaffolding & Contingencies				13	13	9	589 - -
	Proposed Solitary Cells							
14 5/8	Cyds of Rough Stone ———	1	12	-	25	9	6	
50 1/3	do 24945 Burrenth Bricks 436 per Cyd per 1000	5	8	-	120	11	1	
4 8 3/4	Bricklayers at 3/4 Bricklayer ———	-	7	-	21	5	3	
19	Sqrs of Plastering with 2 Coats							
28 1/10	Bricklayers at 1 1/2 Bricklayer ———	-	7	-	12	7	6	
64 1/10	Cft of Teakwood ———	2	4	-	145	2	-	
5 3/4	Sqrs of Roofing ———							
	3450 Flat Tiles ——— per 2400	4	-	-	5	12	-	
	11500 Dan Tiles ——— per 2250	4	-	-	20	7	1	
8 3/4	Bricklayers at 1 1/2 Bricklayer ———	-	7	-	3	13	3	
6' x 3"	2 Teakwood battened doors with 8 hinges & bolts &c	46	11	4	93	6	8	
2	Bull Eyes with Iron bars ———	2	-	-	4	-	-	
	Carpentry & Sawing ——— per Cft	1	-	-	62	8	-	
	Iron Nails ———	-	-	-	7	-	-	
	1 Maistry for 1 Month ———	15	-	-	15	-	-	
12	Candies of Lime ———							
	48 Cyds of Fuel for burning Lime per Cyd	1	-	-	48	-	-	
					587	2	4	
	Scaffolding & Contingencies ———				15	13	8	603 - -
	Proposed Ventilators to Existing Solitary Cells							
11-4"	Cft Teakwood ——— per Cyd	2	4	-	25	8	4	
1 1/10	Sqrs Roofing ———							
	900 Flat Tiles 800 per Sqr per 2400	4	-	-	1	8	-	
	3000 Dan Tiles 2000 per Sqr per 2250	4	-	-	5	5	4	
2 1/4	Bricklayers at 1 1/2 Bricklayer ———	-	7	4	-	15	9	
	Iron Nails ———	-	-	-	2	-	-	
	Carried forward						4541	- -

Quantity	Description of Charges	Rate	Amount			Totals		
	Brought forward					4541	-	-
	Carpentry & Sawing ——— per Cft	1	-	-	11	5	4	
1/4	Cand of Lime ———							
	1 Cyd of Fuel for burning lime per Cft	1	-	-	1	-	-	
					47	10	3	
	Scaffolding & Contingencies ———				1	5	7	
	New premises 42 Convicts Wards 61 3/4 ft long							49 - -
146-15	Cyds 63898 Burrenth bricks 436 per Cyd per 1000	5	8	-	361	7	-	
110	Bricklayers at 3/4 Bricklayer ———	-	7	-	48	2	-	
47 1/2	Sqrs of Plastering with 2 Coats							
71 1/4	Bricklayers at 1 1/2 Bricklayer per Sqr	-	-	7	31	2	9	
89 1/12	Cft Teakwood ———	2	4	-	200	7	-	
37	Sqrs of Roofing partly with some & Flat & Dan Tiles ———							
	6800 Flat Tiles 200 per Sqr per 2400	4	-	-	11	5	4	
	13600 Dan Tiles 400 per Sqr per 2250	4	-	-	24	2	10	
25 1/10	Bricklayers at 1 1/2 Bricklayer ———	-	7	-	11	2	6	
	Carpentry & Sawing ———	1	-	-	89	1	4	
	1 Maistry for 15 days ———	75	-	-	7	8	-	
	Iron Nails ———	-	-	-	8	-	-	
36 3/4	Candies of Lime ———							
	147 Cyds of Fuel for burning Lime per Cyd	1	-	-	147	-	-	
	Scaffolding & Contingencies ———				30	9	3	960 - -
	New premises 42 Convicts Wards 142 ft long							
320 2/9	Cyds 139617 Burrenth bricks 436 per Cyd ———	5	8	-	767	14	4	
240	Bricklayers at 3/4 Bricklayer ———	-	7	-	105	-	-	
103 1/2	Sqrs Plastering with 2 Coats ———							
153	Bricklayers at 1 1/2 Bricklayer ———	-	7	-	67	13	-	
77 1/2	Sqrs of Roofing partly with some New Flat & Dan Tiles ———							
	15500 Flat Tiles 200 per Sqr per 2400	4	-	-	25	13	4	
	31000 Dan Tiles 400 per Sqr per 2250	4	-	-	53	1	9	
116	Bricklayers at 1 1/2 Bricklayer ———	-	7	-	50	12	-	
199 1/4	Cft of Teakwood ———	2	4	-	448	5	-	
	Iron Nails ———	-	-	-	14	-	-	
	Carpentry & Sawing at ——— per Cyd	1	-	-	199	4	-	
	1 Maistry for 1 Month ———	15	-	-	15	-	-	
70 1/4	Candies of Lime ———							
	281 Cyds of Fuel for burning Lime per Cyd	1	-	-	281	-	-	
					2029	15	5	
	Scaffolding & Contingencies ———				60	-	7	2090 - -

Quantity	Description of Charges	Rate	Amount			Total		
	Brought forward					7610	—	—
	Proposed Sheds for dry Earth							
10 1/2	Cyds of Rough Stone — per Cyd	1	12 —	18	6			
23 11/27	Do 10204 Burnt bricks at 436 per Cyd — per 1000	5	8 —	56	1	11		
2 5/20	Bricklayers at 3/4 Bricklayer	—	7 —	11	2	6		
35	Cft Country wood	—	1 14 —	65	10	—		
	400 Bamboos — per 100	3	— —	12	—	—		
3 1/20	Sqrs of Roofing							
	7000 Pan Tiles at 2000 per Sqr — per 2250	4	— —	12	7	1		
5 1/4	Bricklayers at 1/4 Bricklayer	—	7 —	2	4	9		
	Iron Rails	—	— —	2	—	—		
	Carpentry & Sawing	1	— —	35	—	—		
	1 Maistry for 15 days	15	— —	7	8	—		
5	Candles & Lime							
	20 Cyds of Fuel for burning lime — per Cyd	1	— —	20	—	—		
				24	2	8 3		
	Scaffoldings & Contingencies			6	7	9	249	— —
	Proposed Priory							
11 1/20	Cyds of Rough Stone	1	12 —	28	14	—		
36	Do 15696 Burnt Bricks at 436 per Cyd — per 1000	5	8 —	86	5	3		
3 9 1/20	Bricklayers at 3/4 Bricklayers	—	7 —	17	4	6		
10 3/4	Sqrs of Plastering with 2 Coats							
25	Bricklayers at 1 1/20 Bricklayers	—	7 —	10	15	—		
35	Cft of Teakwood	2	4 —	78	12	—		
	400 Bamboos — per 100	3	— —	12	—	—		
3 1/20	Sqrs of Roofing							
	7000 Pan Tiles — per 2250	4	— —	12	7	1		
5 1/4	Bricklayers at 1 1/20 Bricklayers	—	7 —	2	4	9		
	Iron Rails	—	— —	2	—	—		
	Carpentry	1	— —	35	—	—		
	1 Maistry for 15 days	15	— —	7	8	—		
9 1/20	Candles & Lime							
	38 Cyds of Fuel for burning Lime — per Cyd	1	— —	38	—	—		
				332	6	7		
	Scaffolding & Contingencies			6	9	5	339	— —
	Coverd present Hospitals to be Converted into Prisoners wards							
6 x 3 1/2	3 Iron barred doors with Teakwood frames &c	57	6 7	172	3	9		
	Carried forward						8198	— —

Quantity	Description of Charges	Rate	Amount			Total		
	Brought forward					8198	—	—
4 1/2 x 3	5 Iron barred windows with Teakwood frames &c	7 20	10 9	103	5	9		
				275	9	6		
	Contingencies			7	6	6		
							278	— —
	Compound walls							
447 17/17	Cyds of Rough Stone — per Cyd	1	12 —	783	5	8		
881 5/27	Do 384196 Burnt bricks at 436 per Cyd							
	75000 Deduct serviceable old bricks							
	309196 Bricks at 436 per Cyds — per 1000	5	8 —	1700	9	2		
996 1/2	Bricklayers at 2 1/2 Bricklayers per cent	—	7 —	435	15	6		
334 1/3	Sqrs of Pointing at 2 Bricklayers per Sqr							
664	Bricklayers at 2 Bricklayers per Sqr	—	7 —	292	11	—		
694 1/2	Candles & Lime							
750	Deduct the quantity that will be burnt by Convicts using Fuel Cut from dry trees in Burnt lands							
46 1/2	Candles & Lime							
	178 Cyds of Fuel for burning lime — per Cyd	1	— —	178	—	—		
	Palisade							
11 12/27	Cyds = 5103 Burnt bricks at 436 per Cyds	5	8 —	28	1	1		
9	Bricklayers at 3/4 Bricklayers per Cyd	—	7 —	3	15	—		
13 1/20	Sqrs of Plastering							
20	Bricklayers at 1 1/20 Bricklayers	—	7 —	8	12	—		
148 1/20	Cft of Teakwood	2	4 —	334	2	—		
	Carpentry & Sawing — per Cyd	1	— —	148	8	—		
23 3/4	Sqrs of Sarring the Palisade woodwork in 2 Coats per Sqr	2	— —	47	8	—		
	1 Maistry Day for 2 1/20 Months	15	— —	37	8	—		
3 1/4	Candles & Lime							
	13 Cyds of Fuel for burning lime — per Cyd	1	— —	13	—	—		
				4011	15	5		
	Scaffoldings & Contingencies			107	—	7	4119	— —
							12595	— —
	Well						225	— —
	Grand Total Rs						12820	— —

Supdg Engrs Office 22 Dec
Camp Guduv
6th January 1869

Approved
[illegible]

Commanding Lieut Col R E
Superintending Engineer 2d Division

In a letter No. 90 From the Supg Engr 2nd Division

To the Secretary to Government

Dated Camp Gudur 6th January 1867

P. C. 107/67

Detailed and Abstract Estimate of Improvement of Jail at Gunteor

Estimate Rupees 12820.

but it is found that owing to the Convicts not being allowed to proceed more than 2 Miles from the Jail, they can only cut down firewood for the burning of 150 Perches and 985 Rs will consequently have to be hired for Chunam by the Department.

4 Much more help from Convicts was anticipated in building the walls and preparing the Carpentry work than experience shows we are likely to obtain, and more Bricklayers and Carpenters must be obtained than originally Estimated for. These Circumstances has necessitated a considerable increase in the prices of the Door & Wood work &c as shown in the Statement enclosed.

5 Besides this, the old foundations of the external walls, have been found to be irregularly built in some parts not more than 1½ ft instead of 3', partly of mud and stone & partly of Chunam & proper foundations must now be laid.

6 I regret also to say that any

our sight was made in the Office in Estimating for improving only 2 Convicts wards instead of 4 as intended.

7 Under these Circumstances I trust the Government will be pleased to sanction the revised Estimate.

I have the honor to be
Sir
Your most obt Servt

Geo. Thomicombe Lt Colonel
Chief Engineer &c &c

x There are no Convicts who have the smallest knowledge of Carpentry only one to be released shortly who has laid bricks.

Civil Works

Public Works Department.

No. 218 | 5

Proceedings of the Madras Government

Under date the 22nd January 1867

Read the following

167

From the Supg: Engineer
of the 2d Division — (H.E. No. 90 dy 5th Jany 1867)

Under the explanations which are furnished in this letter, the Govt sanction the revised estimate of R 12,820 for the improvements of the Guntoor Jail. Adverting, however, to Paras 2 & 3 they observe that much has been done to reduce the Cost of the Jail under Construction at Bradura by the Executive Officer in charge ~~xxxxxxxxx~~ making proper arrangements for instructing the Convicts in the works upon which they are employed. By a similar

N.

Read Letter from Supg: Engineer 2d Division dated 5th January 1867 No. 90 with Estimate for improvements to the Guntoor Jail.

Read Letter from Secretary to Government dated 15th January 1867 No. 218.

Directed that a Copy of the Letter from the Supg: Engineer 2d Division dated 5th January 1867 No. 90 with Estimate for improvements to the Guntoor Jail be forwarded to the Executive Officer in charge of Bradura for his information & guidance in the Construction of the Jail.

Ordered that a Copy of the Letter from the Secretary to Government dated 15th January 1867 No. 218 be forwarded to the Supg: Engineer 2d Division for his information & guidance in the Construction of the Guntoor Jail.

Ordered that a Copy of the Letter from the Secretary to Government dated 15th January 1867 No. 218 be forwarded to the Executive Officer in charge of Bradura

arrangement. His Ladship in Council considers that Convict labor may be more profitably utilized than it has been in the improvements now in progress to the Gunboat Jail, and he will rely on Col. Winsconn adopting such measures as may lead to that result.—

(1)

19—1—67

34
5

6 No The Dr 2d Dr with one detailed
11 " Jud Dept's rec one Specifict
4 " Controller's
3 " Clerk Genl's

Dec 23rd Jany 67

Dec. 16th Jany 1867 Ch. 19

16

Pub: Works 1867 Department

Pro: of Govt for January

No 218

Pro: of the Madras Govt.

Dt 22d January 1867

The revised estimate of Rs 12,820 for the improvement of Jail at Guntoor Kistna District, sanctioned, and the Supt Engr instructed to utilize all available Convict labor on the work.

No. 444-445